





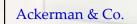
Community Workshop

January 25-27, 2007













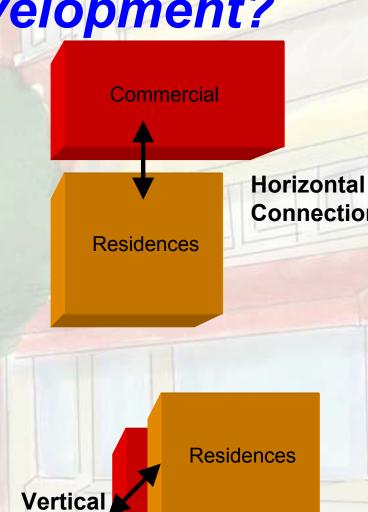




What is Mixed Use Development?

Mixed use development includes different kinds of retail and office uses along with residences in the same location.

Mixed uses may be within the same building or within adjacent buildings that are part of the same overall developments.



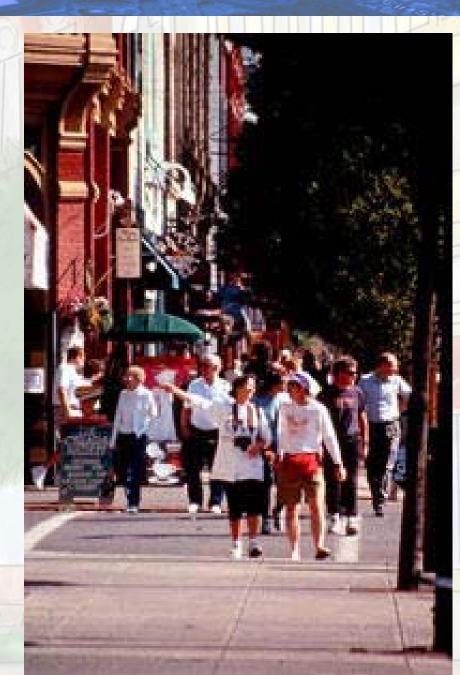
Commercial

Connection



Benefits:

- ✓ Increases convenience
- Provides alternatives to car trips
- More efficient use of land
- More efficient use of public infrastructure
- Reduced traffic demand



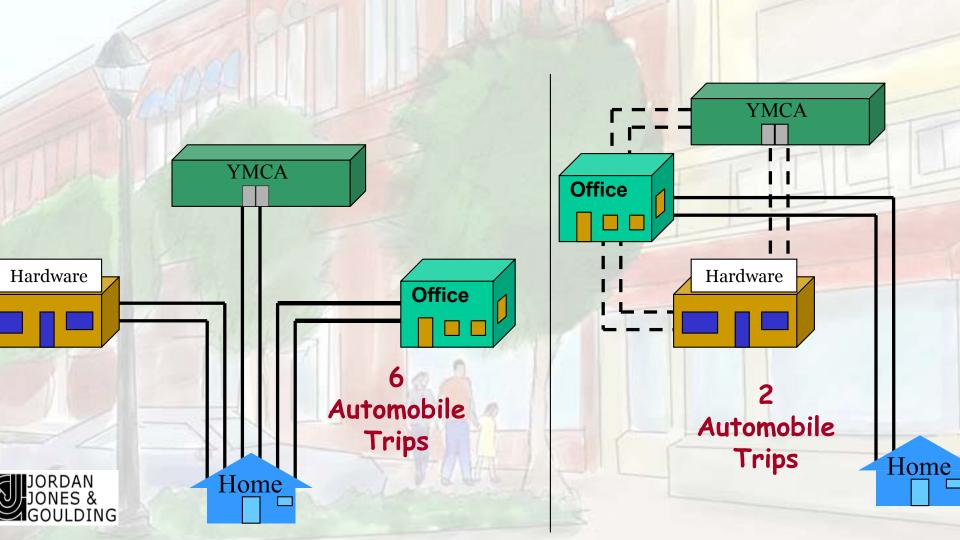


lixed-use development brings people closer to the things they need on a day-

to-day basis



Mixed Use Development Reduces Trips





Many Forms of Mixed Use

Neighborhood Commercial

Main Street Residential/Commercial

Urban Residential/Commercial

Office Convenience

Office/Residential

Shopping Mall Conversion

Retail District Retrofit

Live/Work

Studio/Light Industrial

Hotel/Residence

Structured Parking w/Retail

Single Family Residential w/Convenience Retail

Village Center













































Challenge: Fitting In



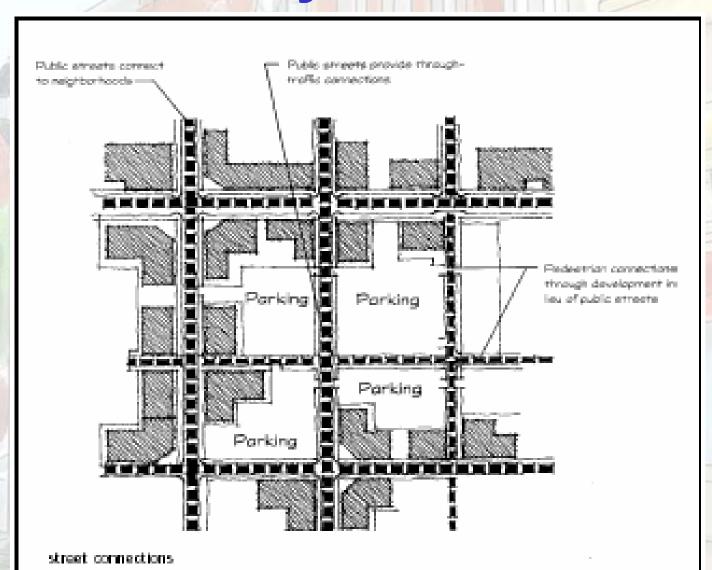


Uses, Proportions, Integration





Connectivity for Mixed Use





A Checklist for Mixed-Use Planning

- ☐ Are the uses **complementary**?
- ☐ Are the uses **linked** by sidewalks or paved paths?
- ☐ Are they within convenient walking distance of each other?
- ☐ Are the walking routes **short** and **direct**?
- Do the buildings themselves fit in and complement each other?
- ☐ Do the uses create activity at different times of the day?
- ☐ Is parking kept out of the pedestrian's path of travel?
- ☐ Do the uses support each other economically?





Does Your Activity Center look like this?





Activity Center Parking

- Who Is Responsible For Providing Parking?
- Where Should It Be?
- How Much Do We Need Now?
- In The Future?



Activity Center Parking

Who Is Responsible For Providing Parking?

- Private Property Owners
- Public Agencies



Public Role in Parking

Capital Improvements

Funding Public Parking

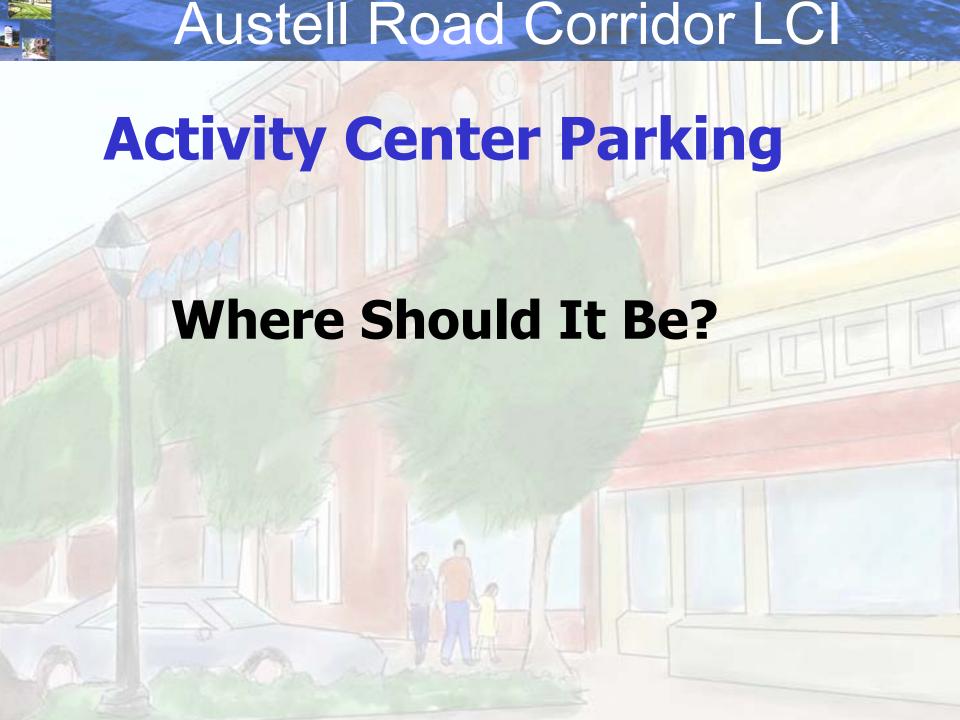
Regulatory and Zoning Control

Setting Development Requirements

Quantity

Location

Function/Aesthetics





Parking Proximity

Maximum Walk Distances

600 to 700 Feet

Impediments to Walking

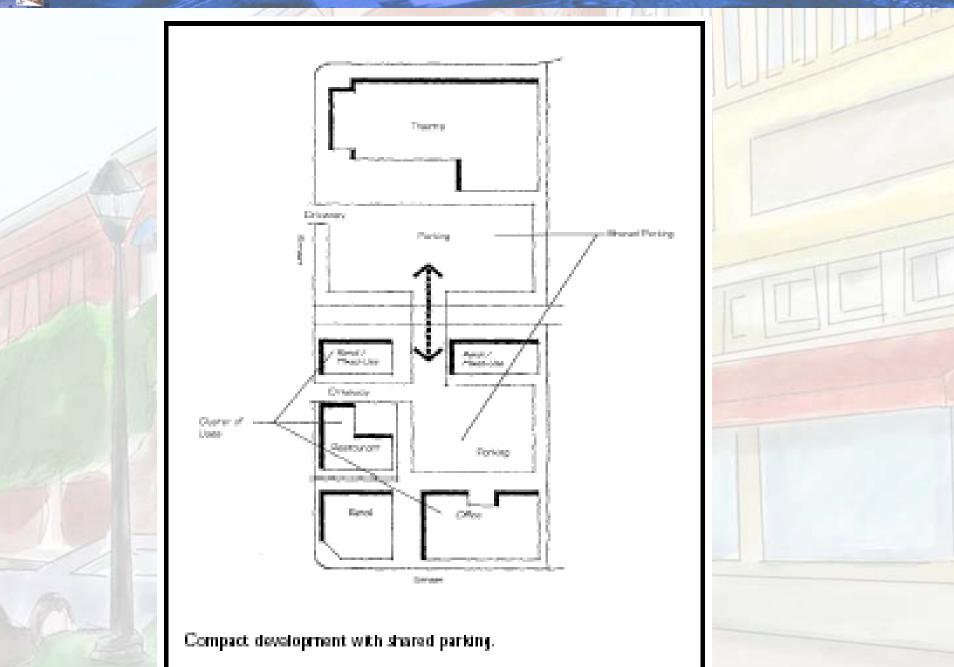
Busy Streets

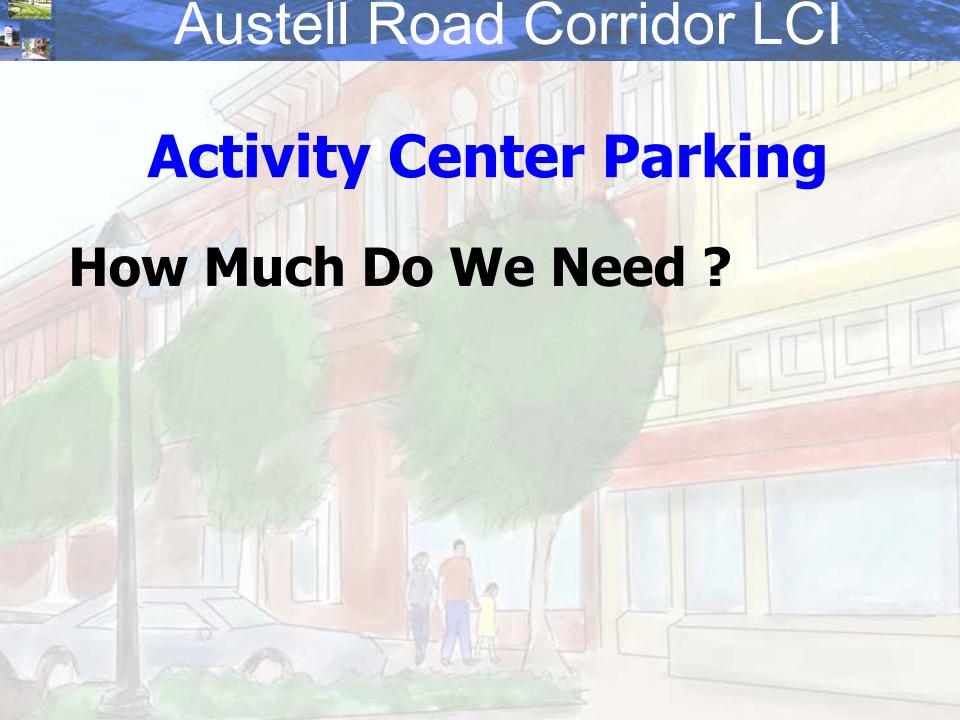
Open Space

Blank Walls

Big Surface Parking lots









Sources of Parking Demand

- Residences
- Commercial retail and services
- Restaurants
- Office/employment
- Community Facilities



Typical Parking Demand

TAPELL LANGE	Minimum	Maximum
Residential (MF)	1.5 / unit	2
Office	2.5/1000 sf	4
Retail (General)	4/ 1000 sf	5
Commercial Services	3/ 1000 sf	5
Restaurant/Entertainment	12/ 1000 sf	18



Parking Design Factors

- Large Generators Tend to Have Excess Parking
- Dense areas encourage walking and need less parking
- Mixed Use Development Creates
 Shared Parking Opportunities
- Availability of Alternate Modes Reduces Parking Needs
 - Walking / Biking Opportunities
 - Public Transit or Circulator Bus System



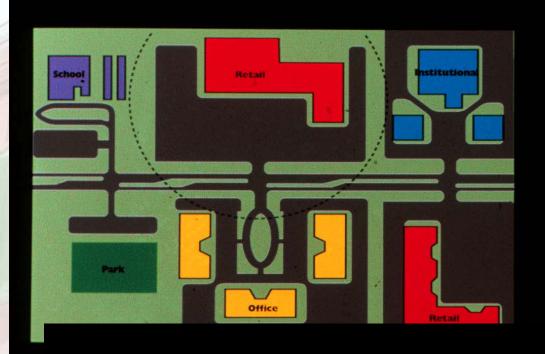
Parking Management Strategies

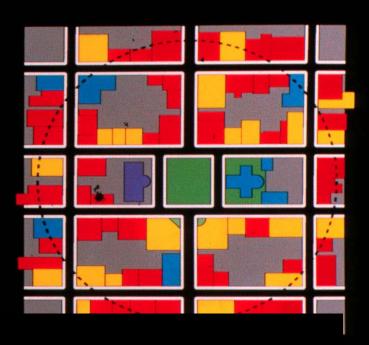




Urban Design Context

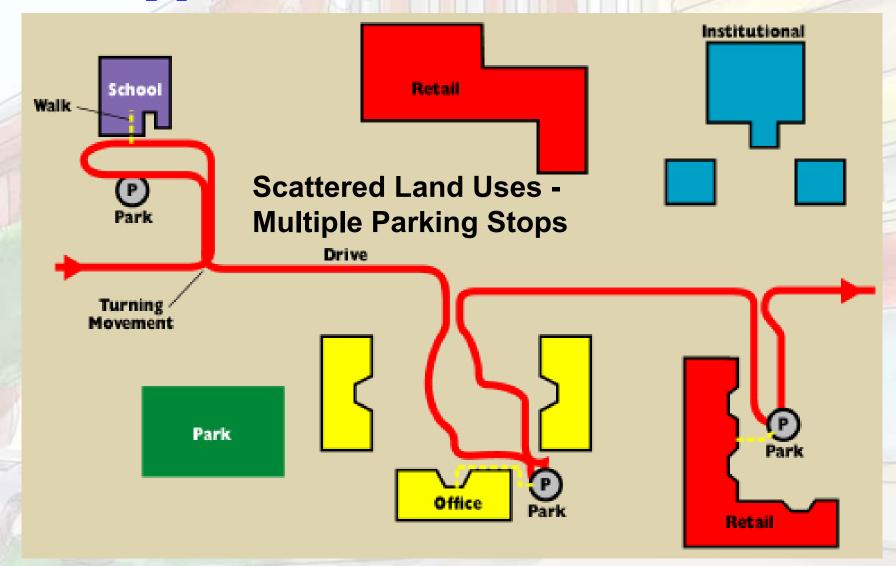
Creating a pedestrian-friendly Park Once Environment







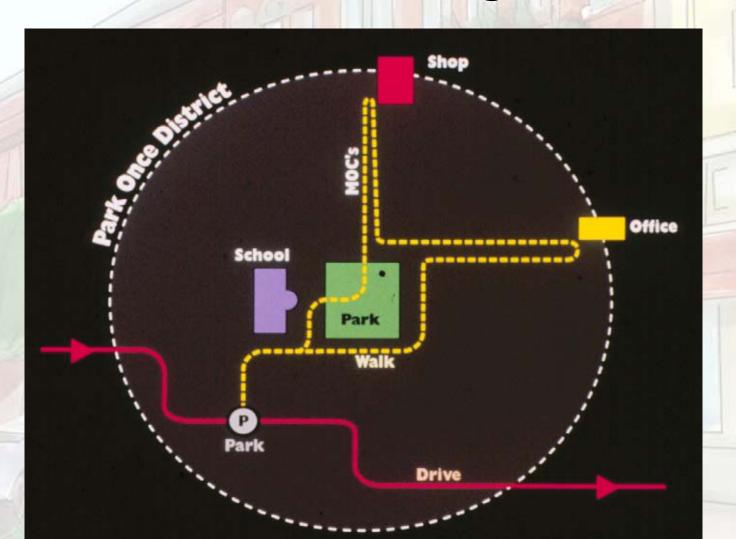
Typical Suburban Corridor





Mixed Use Development = Park Once

Reduces Need for Parking and Reduces Traffic



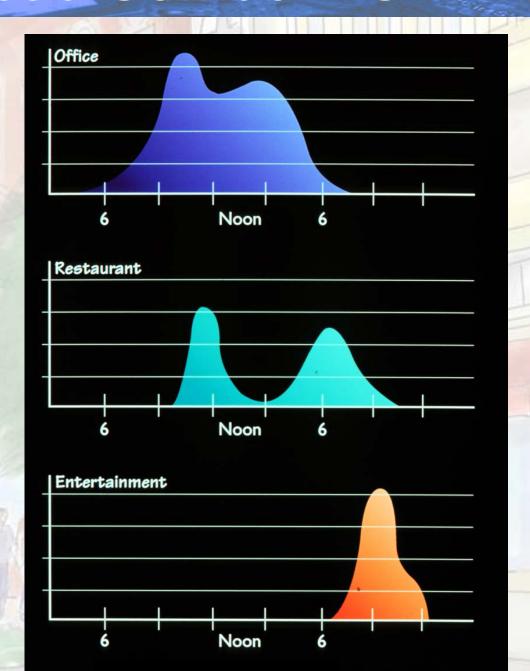
Park Once District=

120 acres



Different Land Uses

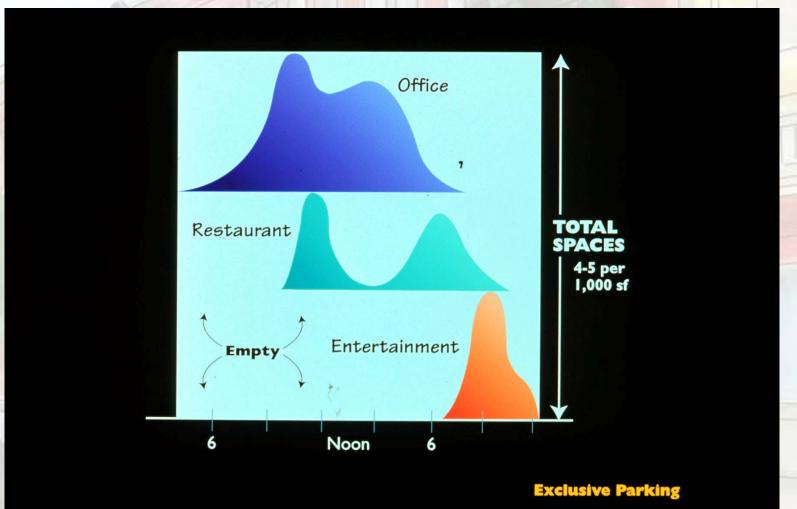
Different Peak Hour Parking Demands





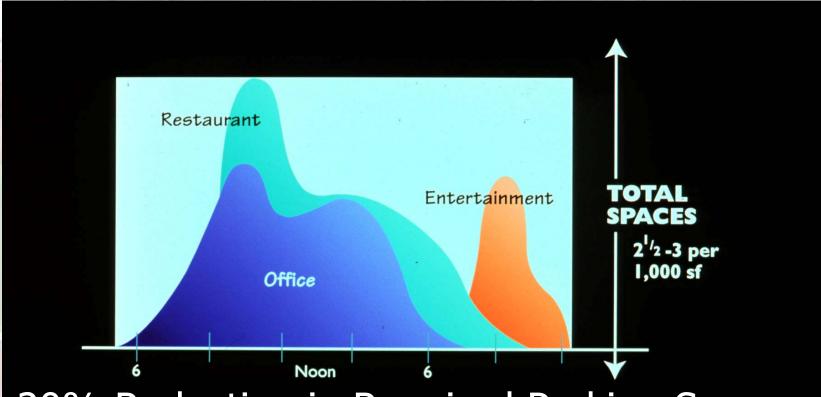
Exclusive Parking Lots

Duplicate Parking > Empty Spaces





Shared Parking Combines Peaks > Saves Spaces



20% Reduction in Required Parking Spaces

Fewer Parking Spaces means less pollution



Planning Process for Shared Parking

- . Establish Joint Development Program
 - Residential uses
 - Commercial uses
 - Public/ Institutional uses
- 2. Change Zoning to Encourage Shared Parking
 - Credit for Mixed Use Development
 - Credit for Transit Accessibility
- 3. Encourage Walkability
 - Discourage "Front Yard" Parking
 - Encourage Street-level retail
- 5. Provide Transit





















